Dräger Medical, Inc.

Dräger

PRODUCT BULLETIN

Product(s):	Saturn Information System
Bulletin Number:	120
Release Date:	March 2, 2001
Pages:	2

Subject: Saturn Information System version 3.0

Saturn 3.0 provides full PACU nursing documentation and charting as well as a complete set of forms for a preoperative patient assessment.

1. Within the Post-Op view, nurses can do a complete electronic PACU record for up to a 24-hour patient stay. The data collected in the record is completely configurable by the hospital. There are 2 new pages in the Post-Op view: Assess and Check.
   - Patient scoring identifies discharge criteria
   - Assess patient parameters over time
   - Document discharge plan
   - Check biological functions
   - Automatically trend data from monitors
   - Electronically sign the record

2. The Pre-Op view is new. It contains pages of data to allow for a comprehensive assessment of a patient prior to surgery or anesthesia. The data entered into these pages is completely configurable.

   - History Page documents current medications, allergies, family history, surgical history, anesthesia history, and medical history. Data is entered through pick-lists and free form text comments can be added to any entry.
   - Systems Page reviews the major body systems: respiratory, hepato/gastrointestinal, cardiovascular, neuro/musculoskeletal, renal/endocrine and other systems. Data is entered through pick-lists and free form text comments can be added to any entry.
   - Exam Page provides many check boxes and radio buttons to determine hearing and visual impairments, dental status, disabilities, airway classification, drug, alcohol, and tobacco use, a base line of vitals, and other data.
   - Plan Page can verify the preoperative process is complete. The Plan Page identifies the planned anesthesia as well as the anticipated post-operative care. The name of the person obtaining the pre-operative information is entered on this page with the ability for surgery and anesthesiology to electronically sign that they reviewed the information.

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3. Pre-Op, Holding, Intra-Op, and Post-Op views each have one Summary Page. The Summary Page combines all timed data into one view to allow for easy chronological or like-data grouping of all data. The data that is viewable is configurable through filters. This feature provides easy sequential correlation of data or like-grouping of data

4. Printed reports are available for the Pre-Op and additional Post-Op data. Samples of the reports are available in the Saturn Marketing Library.

5. Fluid balance can be viewed on the Chart Page in the Holding, Intra-Op, and Post-Op views. Enabling the fluid balance is configurable for each view. The fluid balance totals the fluid-in and fluid-out for each time column in the numeric grid as well as provides a running fluid balance total for the entire view period. Fluid balance is extremely important in managing post-operative patient care.

6. HL7 Surgery Schedule Interface will be available. Final testing is in progress at Duke University. A copy of the HL7 specification is available in the Saturn Marketing Library. When quoting an interface, please present the Dräger HL7 Surgery Schedule interface specification to the customer.

    The Surgery Schedule interface provides procedure, diagnosis, staff, and anesthesia data not available in a Hospital Admissions (ADT) interface.

Software Pricing

If automatic data collection and trending is required (interfaced to a patient monitor or ventilator) at the point-of-care, then the applications are installed on a Saturn Clinical Workstation. The Saturn Clinical Workstation (hardware only) has a list price of $7,100. Through the Workstation configurator the appropriate software applications are identified and calculated in the List Price. Below are software application List Prices.

- 4116692   Pre-Op Recorder $2,600
- 4116693   Intra-Op Recorder $7,500
- 4116694   Post-Op Recorder $6,700
- 4116695   Integrated Browser $ 200

Saturn customers with maintenance agreements will get free upgrades to the purchased applications in their existing system. Screen shots of Saturn 3.0 are available in the Saturn Marketing Library. If you have any questions or require further information, please contact Scott Bamford at extension 2359.